

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|------------------------------|------------------|---------|------------------|
| L1    | 2      | ((("6510052") or ("20040223299")).PN.                                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/17 09:06 |
| L2    | 0      | ("sensorwith(gasadjline")).PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/17 09:07 |
| L3    | 640    | sensor with (gas adj line)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:11 |
| L5    | 239    | sensor with (liquid adj line)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:07 |
| L7    | 279471 | "361".clas. "165".clas. "62".clas.                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:08 |
| L10   | 48     | 3 and 7  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:09 |
| L11   | 125    | 5 and 7  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:09 |
| L12   | 11     | 10 and 11  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:10 |
| L13   | 106    | (temperature adj3 sensor) with (gas adj line)                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:42 |
| L14   | 95     | (temperature adj3 sensor) with (liquid adj line)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:12 |
| L15   | 12     | 13 and 14  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:12 |
| L16   | 48     | (temperature adj3 sensor) with condensor                             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:36 |
| L17   | 31     | 16 and 7   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:35 |
| L18   | 2      | (temperature adj3 sensor) with condensor with vapor                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 09:36 |
| L19   | 10     | (temperature adj3 sensor) with (gas adj line) with (liquid adj line) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/03/17 10:22 |

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|     |      |  |                              |    |    |                  |
|-----|------|--|------------------------------|----|----|------------------|
| L20 | 1503 | (temperature adj3 sensor) with regulator   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 10:25 |
| L21 | 208  | 20 and 7   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 10:23 |
| L22 | 201  | sensor near4 (air gas) with sensor near4 (liquid water) with vapor                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 10:23 |
| L25 | 31   | (temperature adj3 sensor) with regulator with compressor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 11:14 |
| L26 | 7    | fins with heat\$1sink with recess  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 11:15 |
| L27 | 98   | fins with heat\$1sink with (component circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 11:20 |
| L28 | 5    | fins with heat\$1sink with cut\$1out   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 11:21 |
| L29 | 556  | fins with heat\$1sink  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:20 |
| L30 | 52   | insulation with screen with interior   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:21 |
| L31 | 6    | 30 and 7   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:21 |
| L32 | 0    | insulation with screen with display with interior  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:22 |
| L33 | 24   | insulation with display with interior  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:23 |
| L34 | 5    | electronic adj display with insulation   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:24 |
| L35 | 1285 | ((liquid adj crystal) lcd plasma crt led) with (monitor display) with (insulation (thermal adj barrier)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:26 |
| L36 | 15   | 35 and 7   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 12:29 |

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|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| L37 | 205   | thermal adj insulat\$3 with (display monitor)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 12:30 |
| L38 | 23    | ("4527096"   "4554565"   "4637148"   "4665342"   "5055968"   "5413739"   "5460902"   "5495250"   "5500759"   "5557208"   "5709962"   "5825174"   "5872552"   "6019284"   "6118426"   "6124851"   "6136468").PN. OR ("6369793").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 12:52 |
| L39 | 10    | 38 and insulat\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 13:23 |
| L40 | 6     | "5991153"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 14:06 |
| L41 | 913   | circuit adj board with partition   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 14:06 |
| L42 | 4     | circuit adj board with partition with air\$1flow   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 14:06 |
| L43 | 10466 | (361/687-723).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/17 14:07 |
| L45 | 60    | 41 and 43  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 15:22 |
| L46 | 0     | ((heat adj (sink dissipater spreader)) radiator) same display same (cool\$3 thermal heat\$3) same (water liquid fluid) same line same (gas air) same ((heat adj collector) (cold adj plate)) same (housing cover enclosure case) same (insulation thermal) same pin same (fastener screw bolt) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 15:29 |
| L47 | 935   | (361/700).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/17 15:29 |
| L48 | 2     | ((("6741464") or ("6697253")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/17 16:41 |
| L51 | 1     | "6900990"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/17 16:21 |

## EAST Search History

|     |        |   |                              |    |    |                  |
|-----|--------|---|------------------------------|----|----|------------------|
| L53 | 1      | 48 and (vapor phase)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 16:43 |
| S1  | 221    | compressor with (liquid water) with<br>(gas air) with (heat thermal) with<br>(dissipater sink radiator)                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/17 08:50 |
| S2  | 279471 | "361".clas. "165".clas. "62".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:17 |
| S3  | 141    | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:17 |
| S4  | 1      | display with compressor with (liquid<br>water) with (gas air) with (heat<br>thermal) with (dissipater sink<br>radiator) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:19 |
| S5  | 1      | display same compressor with<br>(liquid water) with (gas air) with<br>(heat thermal) with (dissipater sink<br>radiator) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:20 |
| S6  | 140    | display same compressor with<br>(liquid water) with (gas air)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:20 |
| S7  | 83     | S6 and S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:26 |
| S8  | 1401   | cool\$3 with (gas gasoline fuel) adj<br>pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:27 |
| S9  | 118    | cool\$3 with (gas gasoline fuel) adj<br>pump with compressor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:28 |
| S10 | 0      | cool\$3 with (gas gasoline fuel) adj<br>pump with compressor with display   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:28 |
| S11 | 4      | cool\$3 with (gas gasoline fuel) adj<br>pump with compressor with<br>electron\$2  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:33 |
| S12 | 24     | vending with display with cool\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 16:36 |
| S13 | 0      | vending with ((liquid adj crystal) lcd<br>plasma crt led) with display with<br>cool\$3                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 17:15 |
| S14 | 8      | (gas gasoline fuel) adj pump with<br>display with cool\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 17:17 |

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|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S15 | 7     | (gas gasoline fuel) adj pump with digital with cool\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:18 |
| S16 | 37    | (gas gasoline fuel) adj pump same digital same cool\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:20 |
| S17 | 38    | (gas gasoline fuel) adj pump same display same cool\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:31 |
| S18 | 4718  | ((312/7.2,234,102) or (361/681) or (340/686.1) or (221/211)).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/16 17:31 |
| S19 | 18317 | display same cool\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:33 |
| S20 | 88    | S18 and S19  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:32 |
| S21 | 3230  | display same compressor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:33 |
| S22 | 4     | S21 and S18  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:44 |
| S23 | 0     | compressor with (liquid water) with (air gas) with (heat\$1sink radiator) with display | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:47 |
| S24 | 385   | compressor with (liquid water) with (air gas) with (heat\$1sink radiator)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 17:47 |
| S25 | 209   | S2 and S24   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 18:07 |
| S26 | 404   | display with (gas gasoline fuel) adj pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 18:08 |
| S27 | 8     | display with (gas gasoline fuel) adj pump with cool\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 18:16 |
| S28 | 0     | price with (gas gasoline fuel) adj pump with cool\$3                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 18:16 |
| S29 | 176   | price with (gas gasoline fuel) adj pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 18:29 |

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|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S30 | 0   | price with display with (gas gasoline fuel) adj pump with compressor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:20 |
| S31 | 0   | numeriadl adj price with (gas gasoline fuel) adj pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:30 |
| S32 | 0   | numerical adj price with (gas gasoline fuel) adj pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:30 |
| S33 | 3   | numerical with price with (gas gasoline fuel) adj pump   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:34 |
| S34 | 927 | cooling with (electronic lcd "liquid crystal" plasma led) with display   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:36 |
| S35 | 16  | cooling with (electronic lcd "liquid crystal" plasma led) with display with compressor                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:38 |
| S36 | 39  | cool\$3 with explosion with (gas gasoline fuel) with pump  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:41 |
| S37 | 391 | compressor with (liquid water phase) with (gas air) with (heat\$1sink radiator)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:43 |
| S38 | 0   | compressor with (liquid water phase) with (gas air) with (heat\$1sink radiator) with display                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:43 |
| S39 | 0   | compressor with (liquid water phase) with (gas air) with (heat\$1sink radiator) with read\$1out                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:45 |
| S40 | 210 | S37 and S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 18:43 |
| S41 | 2   | compressor with (liquid water phase) with (gas air) with (heat\$1sink radiator) with window                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 19:03 |
| S42 | 13  | portable adj computer with cool\$3 with (pump circulator compressor) with display  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 19:09 |
| S43 | 0   | portable adj computer with cool\$3 with (pump circulator compressor) with display with (air gas) with (liquid water phase) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 19:07 |
| S44 | 0   | portable adj computer with cool\$3 with (pump circulator compressor) with display with (air gas) with (liquid water)       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 19:08 |

## EAST Search History

|     |       |  |                        |    |    |                  |
|-----|-------|--|------------------------|----|----|------------------|
| S45 | 0     | portable adj computer with cool\$3 with (pump circulator compressor) with display with phase                                     | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:08 |
| S46 | 0     | portable adj computer with cool\$3 with (pump circulator compressor) with display with vapor                                     | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:09 |
| S47 | 0     | portable adj computer with cool\$3 with (pump circulator compressor) with display with pipe                                      | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:09 |
| S48 | 13    | portable adj computer same(cool\$3 with (pump circulator compressor) with display)   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:30 |
| S49 | 1725  | display with phase with change   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:30 |
| S50 | 15    | display with phase with change with (air gas) with (liquid water)  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:32 |
| S51 | 23758 | display with heat adj pipe change with (air gas) with (liquid water)   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:34 |
| S52 | 1750  | display with heat adj pipe change with (air gas) with (liquid water) with (pump circulator compressor)                           | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:34 |
| S53 | 135   | display with heat adj pipe change with (air gas) with (liquid water) with (pump circulator compressor) with (window glass)       | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 21:55 |
| S54 | 137   | display with heat adj pipe change with (air gas vapor) with (liquid water) with (pump circulator compressor) with (window glass) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:42 |
| S55 | 2     | S54 not S53  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:42 |
| S56 | 0     | display with heat adj pipe with change with (air gas) with (liquid water) with (pump circulator compressor) with (window glass)  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:43 |
| S57 | 0     | display with (heat adj pipe) with (air gas) with (liquid water) with (pump circulator compressor) with (window glass)            | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:44 |
| S58 | 1     | display with (heat adj pipe) with (air gas) with (liquid water) with (pump circulator compressor)                                | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/16 19:44 |
| S59 | 0     | ("2005/0097912").URPN.   | USPAT                  | OR | ON | 2006/03/16 19:55 |

## EAST Search History

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S60 | 0     | insulation with pin with fastener with display                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 21:56 |
| S61 | 2     | insulation with fastener with display                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:07 |
| S62 | 15207 | sensor with (air gas) with (liquid water)                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:07 |
| S63 | 1126  | sensor with (air gas) with (liquid water) with vapor               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:08 |
| S64 | 49    | sensor with (air gas) with (liquid water) with vapor with phase    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:11 |
| S65 | 4712  | sensor near4 (air gas) with sensor near4 (liquid water)            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:11 |
| S66 | 201   | sensor near4 (air gas) with sensor near4 (liquid water) with vapor | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:12 |
| S67 | 5     | S2 and S66   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:13 |
| S68 | 700   | sensor with phase adj change                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:24 |
| S69 | 1075  | (361/698,700).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/16 22:14 |
| S70 | 4     | S68 and S69  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:14 |
| S71 | 2494  | sensor with line with phase  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:25 |
| S72 | 0     | S69 and S71  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:25 |
| S73 | 629   | sensor with line with vapor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:26 |
| S74 | 0     | S73 and S69  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/16 22:25 |



## EAST Search History

|     |      |  |                              |    |    |                  |
|-----|------|--|------------------------------|----|----|------------------|
| S75 | 7550 | sensor with vapor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 22:26 |
| S76 | 1    | S75 and S69  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 22:35 |
| S77 | 108  | sensor with ((gas air) adj3 line) with<br>((water liquid) adj3 line) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 22:36 |
| S78 | 0    | S77 and S69  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 22:37 |
| S79 | 34   | S77 and S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/16 22:37 |